

EU-type examination certificate UK/0126/0274

Issued by:

NMO

Notified Body Number 0126

In accordance with the requirements of the Measuring Instruments Regulations 2016 (S.I. 2016 No. 1153) which implement, in the United Kingdom, Council Directive 2014/32/EU, this EU-type examination certificate has been issued to:

**Luna AB
Sandbergsvägen 3
SE-441 80 Alingsås
Sweden**

In respect of: Material measure of length.
accuracy class: I, II or III
nominal length and width: 3 m x 16 mm

The necessary data (principal characteristics, alterations, securing, functioning etc) for identification purposes and conditions (when applicable) are set out in the descriptive annex to this certificate.

**Issue Date: 05 May 2020
Valid Until: 04 May 2030**



Grégory Glas
Lead Technical Manager
For and on behalf of the Head of Technical Services



0135

Descriptive Annex

1 REGULATIONS

The measuring instrument in respect of which this EU type examination certificate has been issued is subject to the provisions and requirements of the Measuring Instruments Regulations 2016 (S.I. 2016 No. 1153) which implement, in the United Kingdom, Council Directive 2014/32/EU.

2 DESCRIPTION OF THE PATTERN

The pattern is a composite, retractable measure, which may be housed in a case. The blade is 3 m long, 16 mm wide, is made of steel and has a sliding hook at the free end. It has black markings on a yellow or white background protected by a clear film. The blade is graduated on the front face in millimetres throughout on both edges; half-centimetres are also marked. The centimetre intervals are numbered consecutively throughout the blade. The decimetre numbers and metre numbers are marked in red numeric letters. An example is given in Figure 1.

The case is made of plastic and may be fitted with a blade lock, a belt hook, a carrying strap and other accessory functional modules. The case may be any colour. All case/reel image examples are representative of design only. The blade specifications and case/reel markings relevant to the approval are detailed in this descriptive annex. The case cannot be marked with a case dimension for making internal measurements.



Approval under this Certification is not covering any accessory functional modules (listed but not limited to the following: level bubble, calculator, and solar power module, etc).

3 TECHNICAL DATA

- 3.1
- (a) Accuracy class: I
 - (b) Nominal length: 3 m
 - (c) Scale interval: 1 mm

4 INSCRIPTIONS

The following inscriptions are marked at the beginning of the blade:

- (a) Nominal length: 3 m
- (b) Manufacturer's identification:  or  *
- (c) Class of accuracy: I
- (d) EU type approval certificate number: UK 0126 0274

*: If the conformity assessment Module D is applied, the manufacturer's identification (name or mark) must be that of the owner of the Module D certification. The Luna mark can be used as an addition.

5 APPROVAL CONDITIONS

The certificate is issued subject to the following conditions.

5.1 Legends and inscriptions

5.1.1 The following markings and inscriptions are durably and legibly marked onto the blade of the tape measure:

- CE marking
- Supplementary metrology marking
- Manufacturer's name, registered trade name or registered trade mark and postal address
- Identification number of the notified body involved in the production control phase
- Information in respect of its accuracy

and, when applicable:

- Information in respect of the conditions of use
- Measuring capacity
- Identity marking (a type, batch or serial number or other element allowing their identification)
- Number of the EU-type examination certificate
- Information whether or not additional devices providing metrological results comply with the provisions of Directive 2014/32/EU on legal metrological control

The markings and inscriptions shall fulfil the requirements of Article 8, Article 21, Article 22 and Point 9 of Annex I of Directive 2014/32/EU.

5.1.2 The models of the tape measure cases are identified by the series reference sequence number.

6 LOCATION OF MARKS

6.1 The inscriptions in section 4 together with the 'CE' marking, supplementary metrology marking and notified body number (where authorised) are printed on the blade near the beginning.

7 ALTERNATIVES

7.1 Having alternative nominal lengths and widths of steel tape measure blade as described in Table 1 below (Figure 2).

Ningbo Oubo Model No	Luna AB Model No	Accuracy class	Nominal Length (m)	Nominal Width (mm)
RR3016	270730104	I or II	3	16
RR5019	270730203	I or II	5	19
RR5519	270730211	I or II	5.5	19
RR5019M	270730302	I or II	5	19
RR8025	270730401	I or II	8	25
GC3016	270740103	I or II	3	16
GC5019	270740202	I or II	5	19
GC5519	270740210	I or II	5.5	19
GC5019M	270740301	I or II	5	19
GC8025	270740400	I or II	8	25
GC8025M	270740509	I or II	8	25

Table 1

7.2 Having alternative model numbers identified as 270750102. The steel blade has a white background (Figure 3).

Ningbo Oubo Model No	Luna AB Model No	Accuracy class	Nominal Length (m)	Nominal Width (mm)
STE5019	270750102	I or II	5	19

Table 2

7.3 Having alternative models of long steel tape measure blade as detailed in Table 3 below (Figure 4).

Ningbo Oubo Model No	Luna AB Model No	Accuracy class	Nominal Length (m)	Nominal Width (mm)
LWR1513	270760101	II or III	15	13
LWR3013	270760200	II or III	30	13
LWX3013	270780109	II or III	30	13
LWX5013	270780208	II or III	50	13

Table 3

7.3.1 The front face of the long steel blade is graduated every half-centimetre along the top edge and in millimetre intervals along the bottom edge of the blade. The graduations are in black with every 10 centimetres being numbered in black, and every metre numbered in red. The centimetre intervals on the lower edge are numbered consecutively from 1 to 99, and this is repeated every 100 centimetres. The blade has a yellow or white background which is protected by a clear film. The blade is terminated by a riveted reinforcing strip approximately 20 mm long. A folding steel claw may be fitted to the reinforcing strip. The zero reference edge for any measurement using this blade is the inside face of the folding steel claw (Figure 5). A metal or plastic ring, which is not included in the nominal length, is attached to the blade by means of a steel hinge pin.

7.3.2 The blade may be terminated by a rigid metal / plastic ring and is attached to the blade by means of a riveted steel reinforcing strip. The zero reference edge for any measurement using this blade is the inside edge of the metal / plastic ring. An image to illustrate the zero reference edge is shown in Figure 6, and shall accompany each product.

7.3.3 The tape measure blade may be fitted into a case which is not marked with a case dimension for making internal measurements.

7.3.4 The tape measure blade may be fitted into an open reel plastic case, which may be fitted with a winding handle that can be folded.

7.4 Having alternative models of long PVC fibreglass-reinforced ribbing tape measure blade as detailed in Table 4 below (Figures 7 and 8).

Ningbo Oubo Model No	Luna AB Model No	Accuracy class	Nominal Length (m)	Nominal Width (mm)
FWR1515	270770100	II or III	15	15
FWR3015	270770209	II or III	30	15
FWX3015	270790108	II or III	30	15
FWX5015	270790207	II or III	50	15

Table 4

7.4.1 The front face of the long fibreglass blade is graduated every 2-millimetre intervals along the top edge. The graduations are marked in black with every 10 centimetres being numbered in black, and every metre numbered in red. The centimetre intervals are numbered consecutively from 1 to 9, and this is repeated every 10 centimetres. The blade has a yellow or white background which is protected by a clear film. The blade is terminated by a riveted reinforcing strip approximately 20 mm long. A folding steel claw may be fitted to the reinforcing strip. The zero reference edge for any measurement using this blade is the inside face of the folding steel claw (Figure 5). A metal or plastic ring, which is not included in the nominal length, is attached to the blade by means of a steel hinge pin.

7.4.2 The blade may be terminated by a rigid metal / plastic ring and is attached to the blade by means of a riveted steel reinforcing strip. The zero reference edge for any measurement using this blade is the inside edge of the metal / plastic ring. An image to illustrate the zero reference edge is shown in Figure 6, and shall accompany each product.

7.4.3 The tape measure blade may be fitted into a case which is not marked with a case dimension for making internal measurements.

7.4.4 The tape measure blade may be fitted into an open reel plastic case, which may be fitted with a winding handle that can be folded.

8 ILLUSTRATIONS

- Figure 1 Example of the pattern
- Figure 2 Examples of the case styles
- Figure 3 Blade in silver background and case model example
- Figure 4 Examples of the long steel tape measure blade and the case model
- Figure 5 zero reference edge example for folding steel claw
- Figure 6 zero reference edge examples for rigid metal / plastic rings
- Figure 7 Example of Fibreglass tape measure blade
- Figure 8 Example of Fibreglass tape measure reel case model

9 CERTIFICATE HISTORY

ISSUE NO.	DATE	DESCRIPTION
UK/0126/0274	05 May 2020	Type examination first issued.
-	-	No revisions have been issued.



Figure 1 Example of the pattern



Figure 2 Examples of the case styles

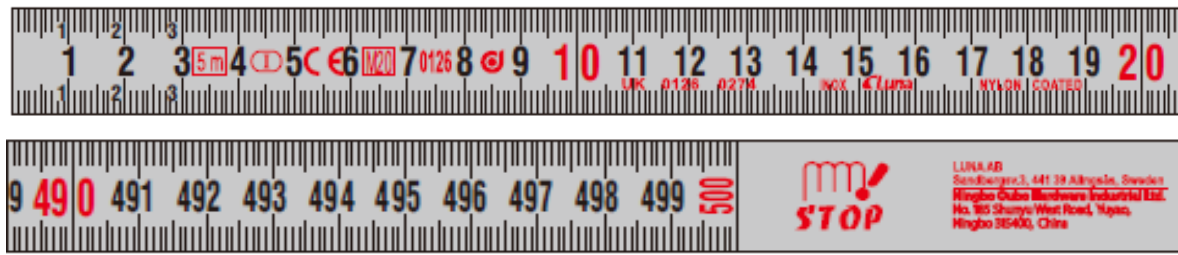


Figure 3 Blade in silver background and case model example

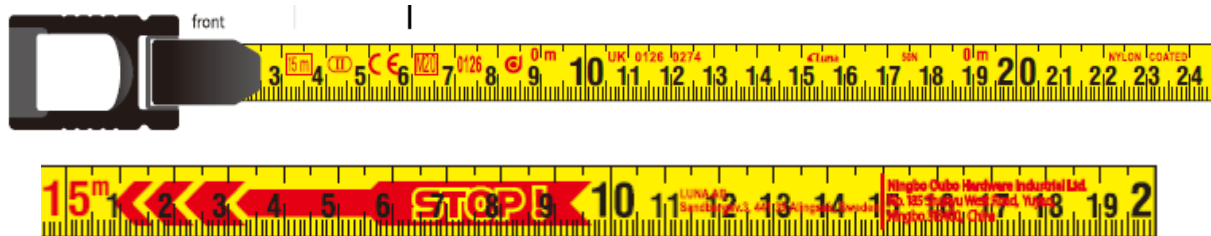


Figure 4 Examples of the long steel tape measure blade and the case model

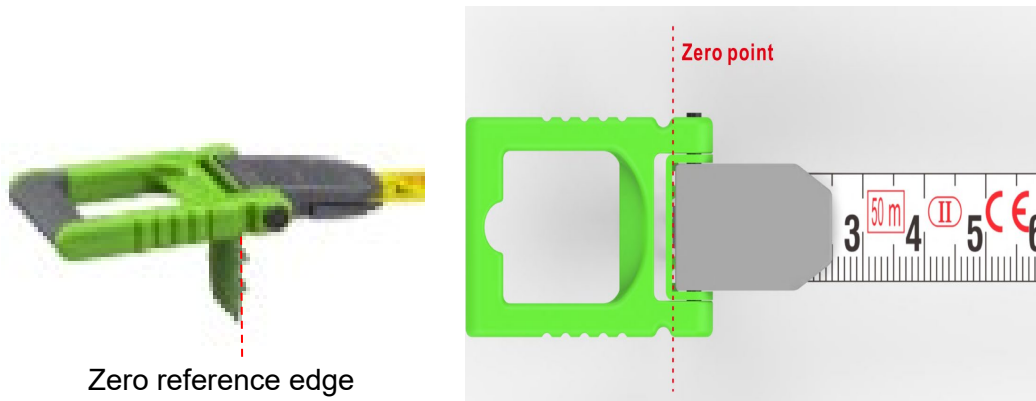


Figure 5 - zero reference edge example for folding steel claw

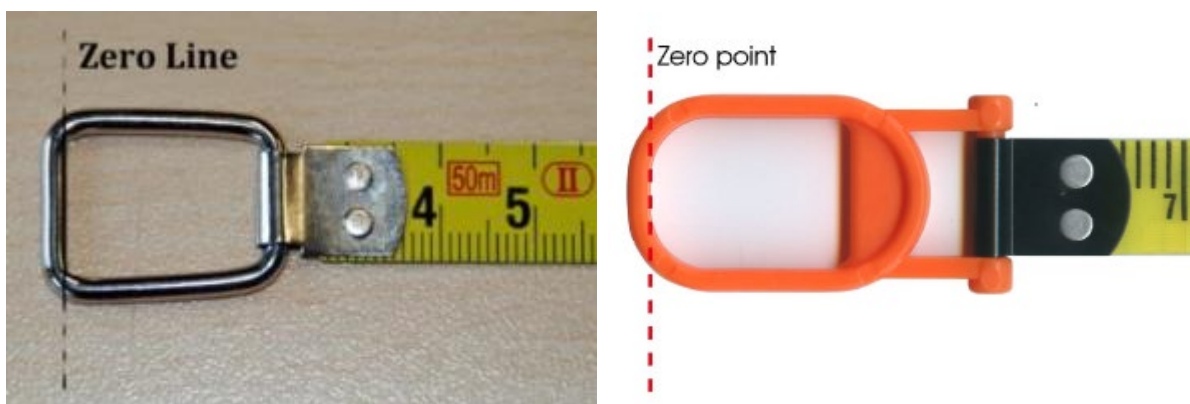


Figure 6 zero reference edge examples for rigid metal / plastic rings

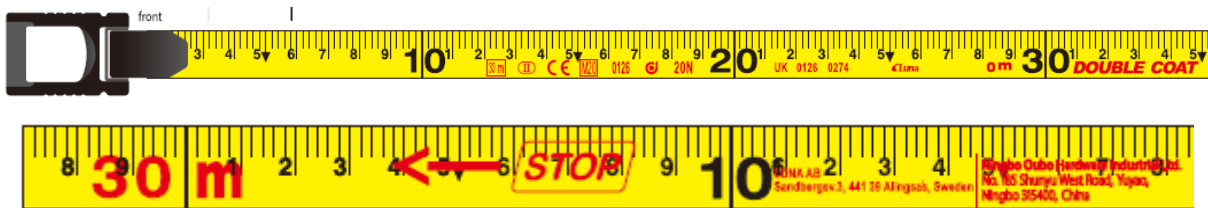


Figure 7 Example of Fibreglass tape measure blade



Figure 8 Example of Fibreglass tape measure reel case model